

2010 Toyota Yaris



1. 2010 Toyota Yaris



Specifications

2. Code Series: 50000-69999
Key Blank: Ilco TOY44D-PT
Service/Work Key: Ilco TR47

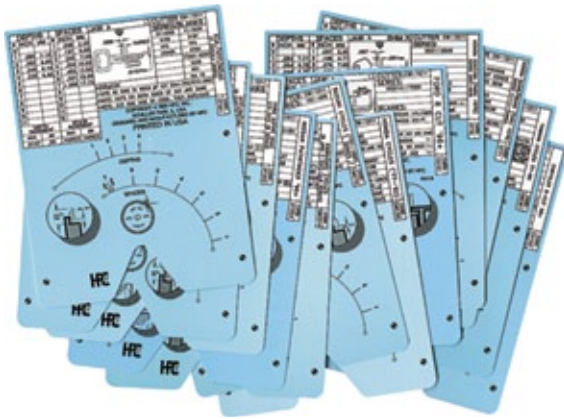
3. HPC Key Machine
Information:
DSD: 176
1200CMB Card No.
CF307
Cutter: CW-47MC
Jaw Type: A
Gauge: Red Tip Stop



Here's a great website for Automotive Locksmiths:

www.TheNationalLocksmith.com

Chat, Forums, Editorial,
Online Store, Tech Support



4. Depth & Space Dimensions:

Space/Inch:

1 = 846
2 = 791
3 = 709
4 = 654
5 = 571
6 = 516
7 = 433

8 = 378

9 = 295

10 = 240

Depth/Inch:

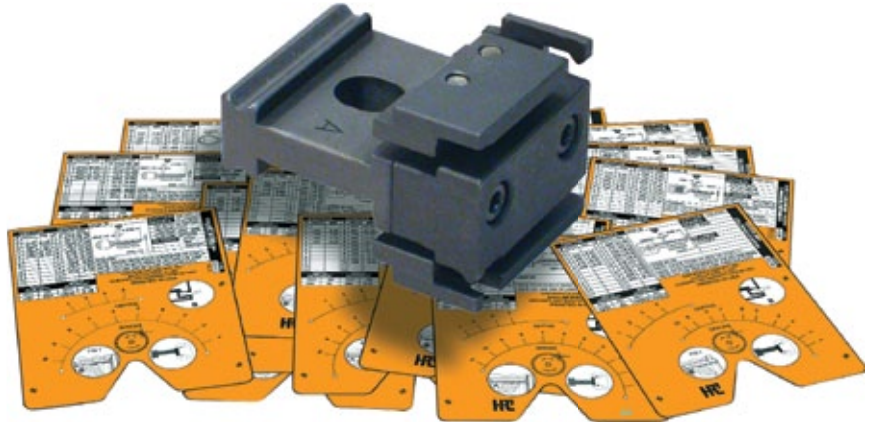
1 = 325

2 = 299

3 = 274

4 = 248

5. The HPC Automotive Super Jaw Kit (No. ASJ-1200) makes it possible to code-cut both sides of a double-sided automotive key on your Blitz™, 1200CM, and Switch Blitz™ Machine. Use card No. ASC307.



Vehicle Opening

National Locksmith Automobile Association™

Publisher

Marc Goldberg

Director

Greg Mango

Printed in the U.S.A.

NLAA, a division of the
National Publishing Company
Publishers of
THE NATIONAL LOCKSMITH

1533 Burgundy Parkway
Streamwood, Illinois 60107
Phone 630-837-2044
Fax 630-837-1210

E-mail address:

nlaa@thenationallocksmith.com

Unsolicited manuscripts are
accepted, but must include SASE.

©2012 National Publishing Co.
All rights reserved.

Issue No. 139

Manufacturers: Interested in
offering rebates or discounts to
NLAA members? Contact Marc
Goldberg at the Home Office

6. HPC Car Opening Authority® Technique TC-1



7. Recommended Tool/Kit: HPC Gold Finger Auto Killer Kit (No.AKK-GF) / Kit includes HPC Gold Finger Tool (No.CO-90), HPC Original Air Wedge® (No.AW-99), and HPC AutoSleeve™ (No.AS-1)



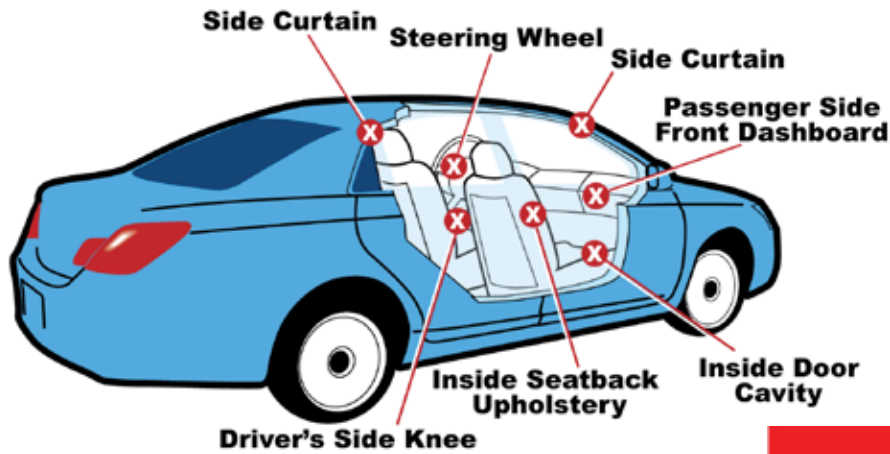


8. Carefully wedge a gap at the window and frame using the HPC Original Air Wedge® (No. AW-99). Use the HPC AutoSleeve™ (No. AS-1) to prevent damage to the weather stripping and automobile finish. Note: Extra care should be taken when prying the door away from the door frame.

9. Insert the HPC Gold Finger (No. CO-90) through the gap. To open the door, position the tip of the tool on the electric lock switch or pull out on the rocker button. Remove tool and deflate Air Wedge® before opening door.



10. Lock Picking Style: HPC Car Opening Authority® Technique PX: Ignition Lock: Acc./On/Start = CW, Off/Lock = CCW. Driver Side Door Lock: Lock = CCW, Unlock = CW. Passenger Side Door Lock: Lock = CW, Unlock = CCW. Trunk Lock: Unlock = CW. Glove Box Lock: None.



11. Vehicle Air Bag Locations: Driver's Side Steering Wheel, Driver's Side Knee, Passenger Side Front Dash, Front & Rear Side Curtain.

12. Texas Instruments Encrypted Code Transponder System. OBP not applicable. Additional transponder equipment required.



Ignition Lock

13. Ignition Lock Removal. Column Mount / Tumblers: 10 / Tumbler Positions: 1-10. Vehicle Code on Cylinder: None.



14. Specialty Tools Needed: Truarc Ring Pliers HPC No. TRU-99 or HPC No. TRU-55

15. To remove shroud to access ignition lock, turn steering wheel and remove 2 (P-2) screws as shown.



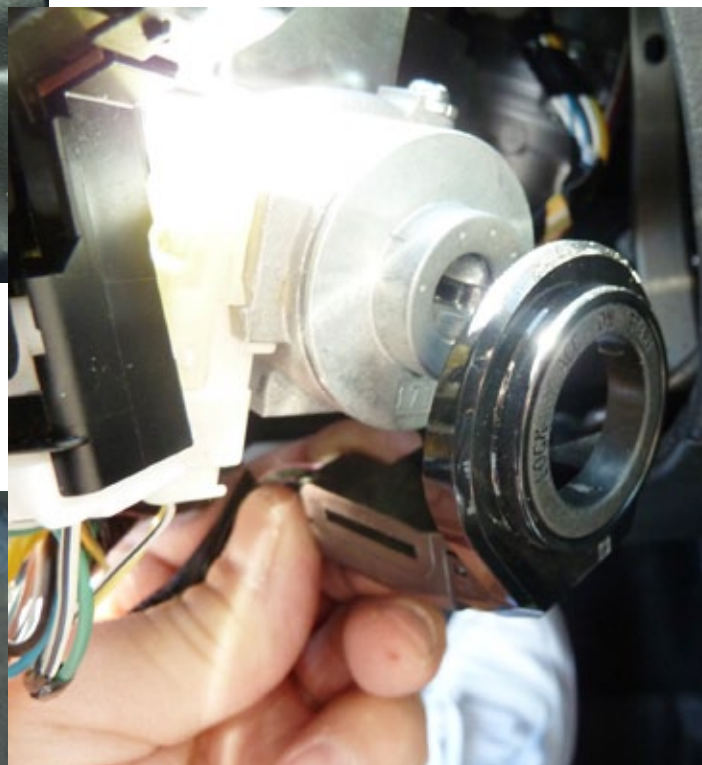
16. Remove 1 (P-2) screw at bottom portion of column shroud.

17. Remove bottom portion of column shroud.





18. Remove top portion of column shroud.



19. Carefully pull outward on transponder ring to remove.

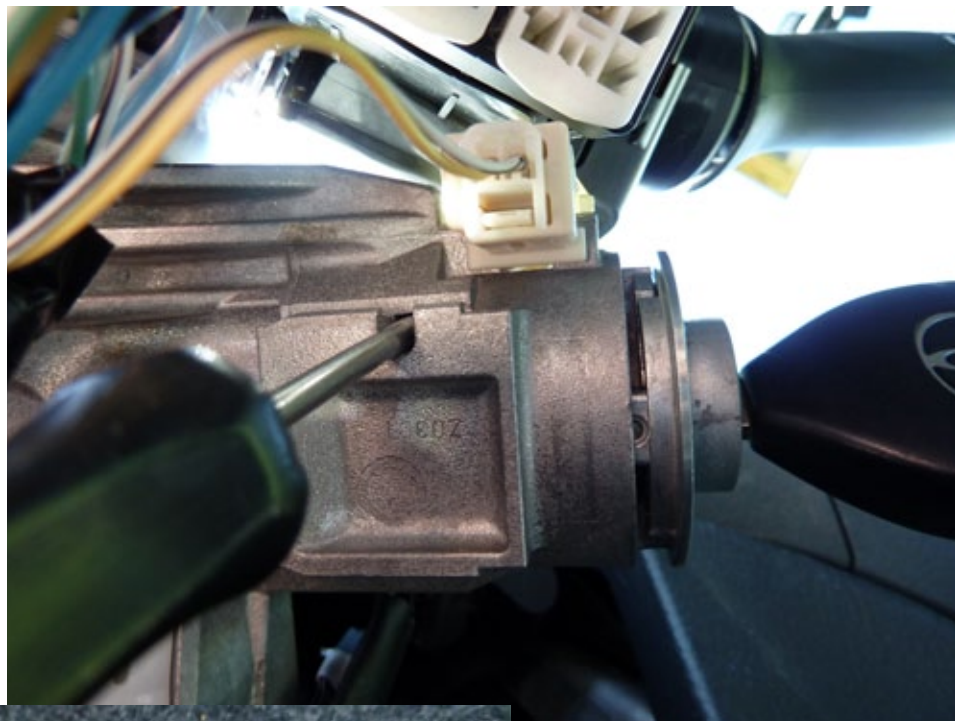


20. With lock in "On" position, depress on cylinder depression pin located at side of ignition lock to remove lock. This picture shows a mirror used to visually see the ignition lock depression pin



21. Pull outward on ignition lock until it stops.

22. Locate a access hole at bottom of ignition housing. Use an awl to release the "key in ignition" indicator arm.



23. This picture shows how awl is being used to push upward on the "key in ignition" indicator arm.

24. This picture shows the awl releasing the "key in ignition" indicator arm.



25. Remove Truarc ring from ignition lock using HPC Truarc Ring Pliers (No. TRU-99 or No. TRU-55).

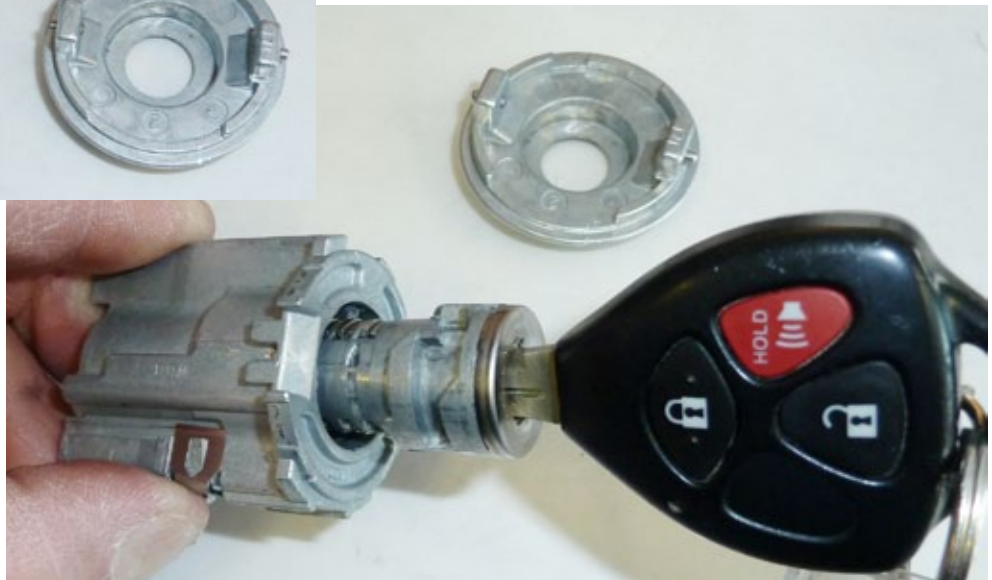


26. To remove face cap, remove both (2) roll pins holding face cap onto ignition lock. Remove the first roll pin by inserting an awl into gap between cylinder and face cap. Push roll pin out. It may be necessary to create a access gap to push out the second roll pin. With a 1/8" drill bit, create access gap along the side of the roll pin to push out second roll pin. Remove face cap from ignition lock.

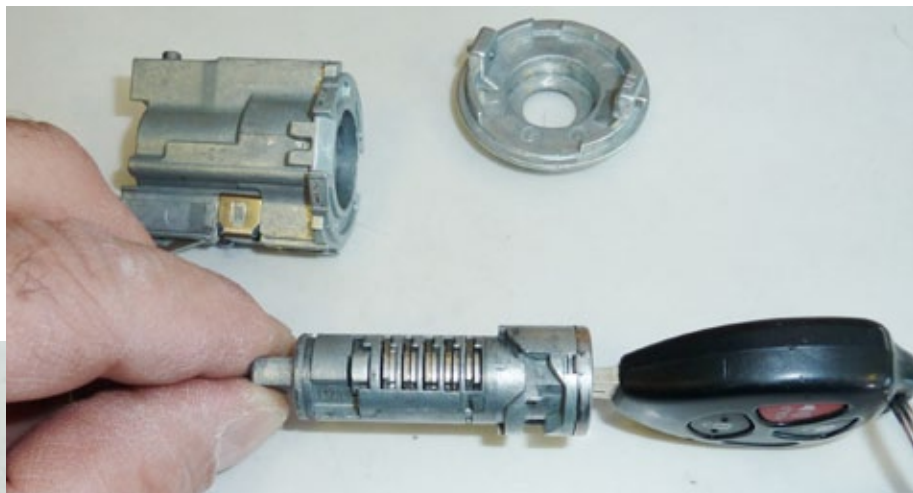


27. Picture of face cap removed.

28. Remove core from lock housing.



29. Picture of ignition lock core.



30. Picture of tumblers.

31. Picture of ignition lock parts.



Door Lock

32. Door Lock Removal. Tumblers: 8 / Tumbler Positions: 3-10. Vehicle Code Cylinder: No.



33. Remove screw access cap at door edge. Loosen 1 (T-30) screw.



34. Pull outward on door lock to remove.



35. Picture of door lock.

36. To disassemble door lock, remove lock/handle face cap. Remove C-clip and tension spring from rear of lock.

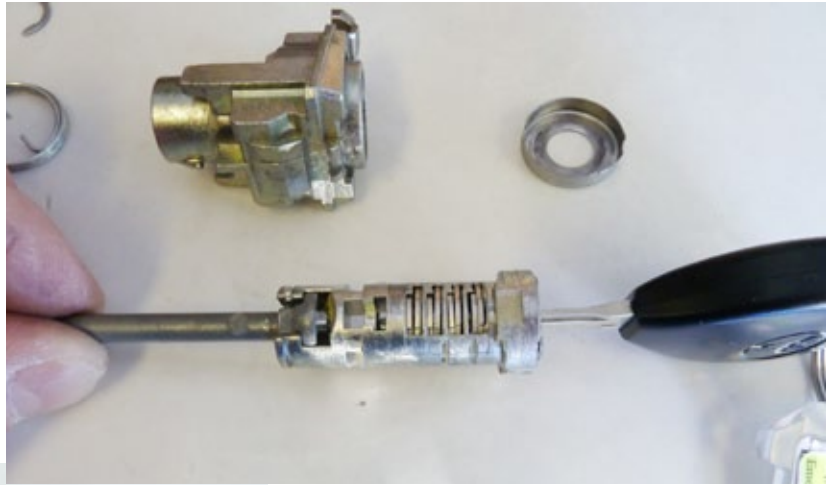


37. Carefully remove the face cap. The HPC Auto Lock Cap Pliers (No. ALCP-10) can also be used to remove the lock face cap.



38. Remove tension spring & C-clip.

39. Picture of door lock core. Tumblers stamped with numbers.



40. Picture of door lock parts.

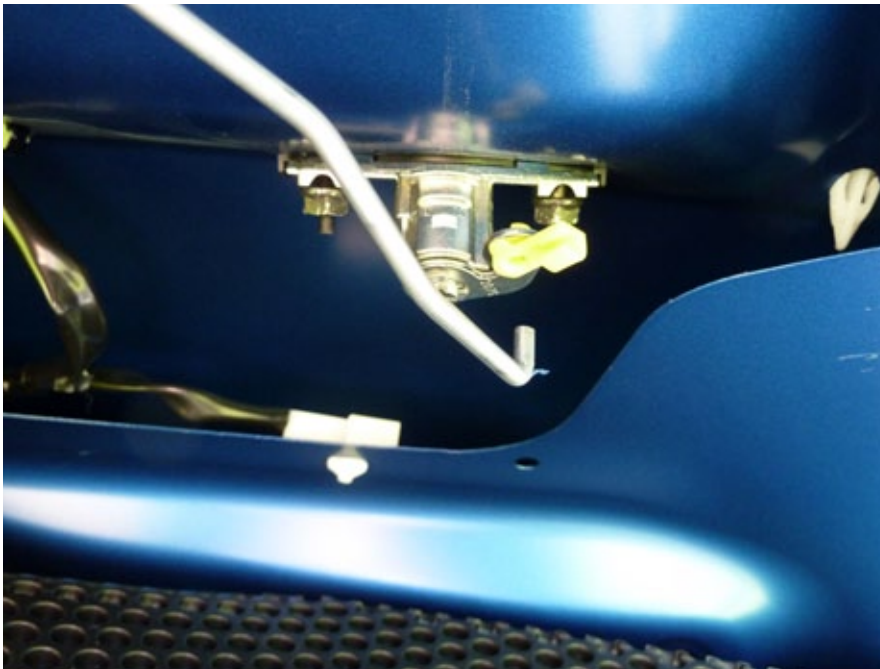


Trunk Lock

41. Trunk Lock Removal. Tumblers: 9 / Tumbler Positions: 3-10, Valet Tumbler Position: 11. The last tumbler is a 4 cut for valet key. Vehicle Code on Cylinder: None.



42. To remove trunk lock: remove inside trunk lid liner (13 clips).

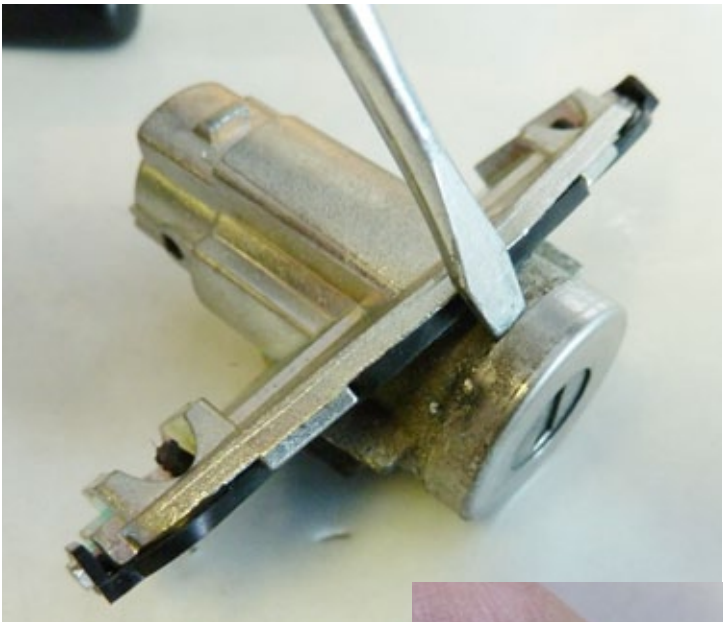


43. Disconnect linkage and remove 2 (10mm) nuts.

44. This picture shows the lock tumblers are visible through the lock housings drain opening.

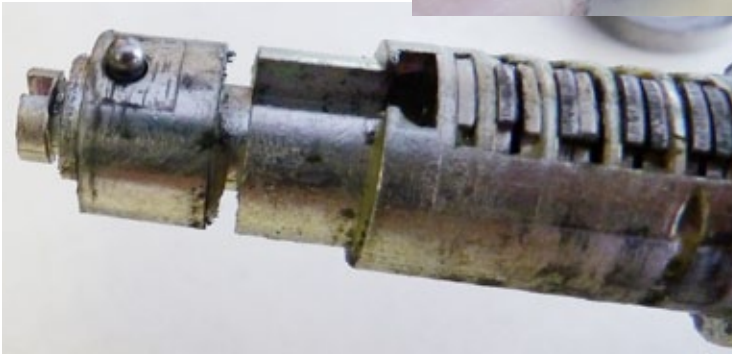


45. To service lock, remove C-Clip & driver.



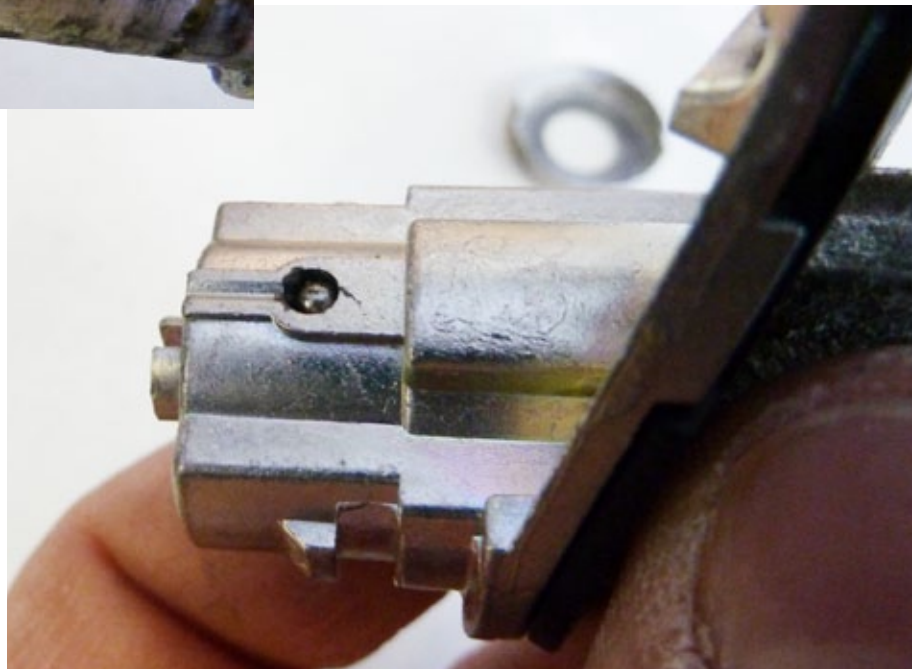
46. Remove the face cap. The HPC Auto Lock Cap Pliers (No. ALCP-10) can also be used to remove the lock face cap.

47. Remove core from housing.

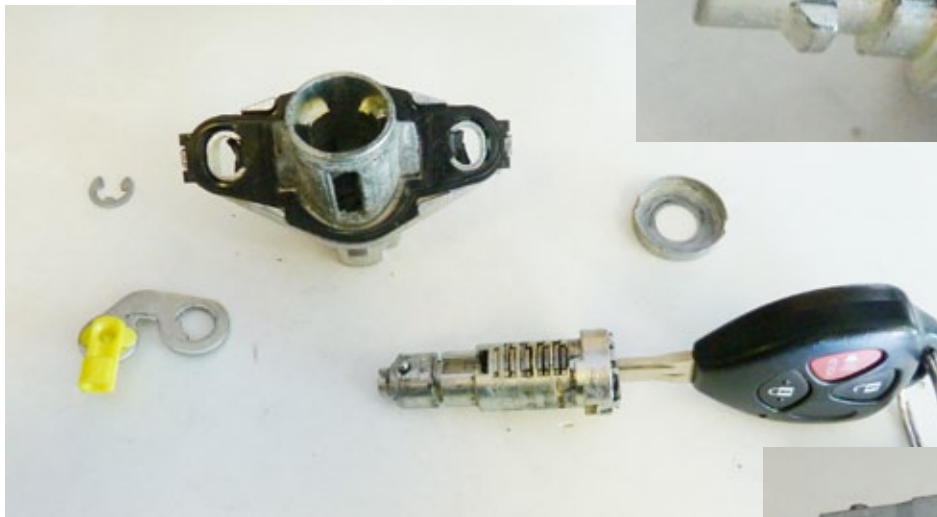


48. Notice small ball bearing at end of core.

49. To reinstall, drop ball bearing through hole in housing.



50. Push bearing down with awl to set in place.



51. Trunk Lock Parts.

Vehicle Photos

52. Picture of vehicle key.



53. Picture of trunk release at floor by driver side seat.

54. Picture of front of vehicle.



55. Picture of driver side of vehicle.

56. Picture of passenger side of vehicle.



57. Picture of rear of vehicle.